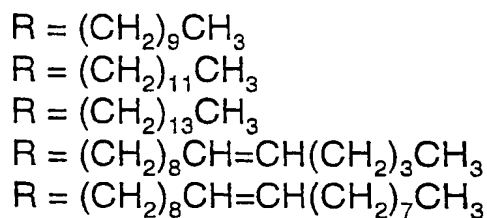
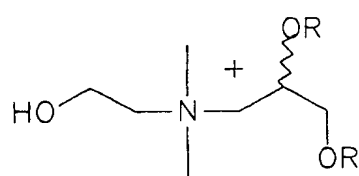


Figure 1

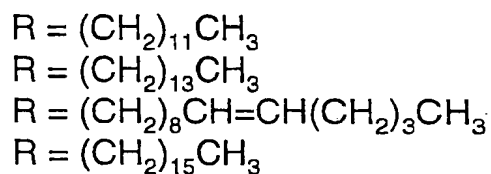
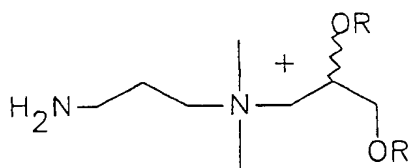
Plasmid	Leader	Gene	Promoter	Enhancer	Intron	Terminator
VR4700	tissue plasminogen activator	influenza A/PR/8/34 nucleoprotein	CMV	CMV	CMV-A	mRBG
VR5900	hen egg lysozyme	hen egg lysozyme	CMV	CMV	CMV-A	mRBG
VR1412	not secreted	E. coli Lac Z	CMV	CMV	CMV-A	BGH
VR1623	mouse immunoglobulin	mouse Ig/humanFc	CMV	CMV	CMV-A	BGH
VR1904	human factor IX	human factor IX	CMV	CMV	CMV-A	BGH

Figure 2

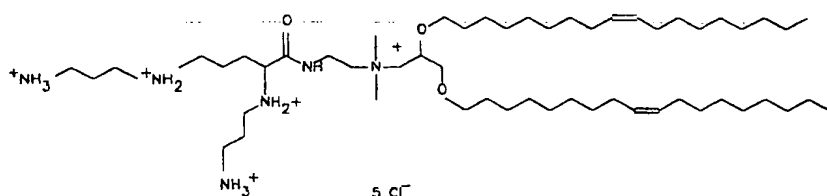
Cytfectin Structures



DDRIE
DLRIE
DMRIE
DMORIE
DORIE



GAP-DLRIE
GAP-DMRIE
GAP-DMORIE
GAP-DPRIE



DOSPA

Co-Lipid Structures

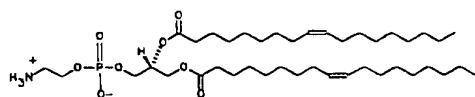
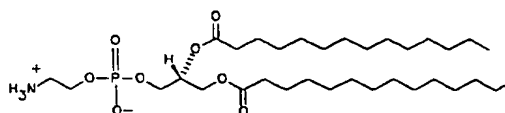
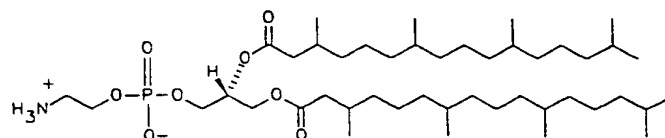
DOPEDMPEDPyPE

Figure 3

Cytofectin Structural Elements Determine the Level of Antibody Stimulation

Cytofectin Geometric Mean Titer / pDNA Geometric Mean Titer

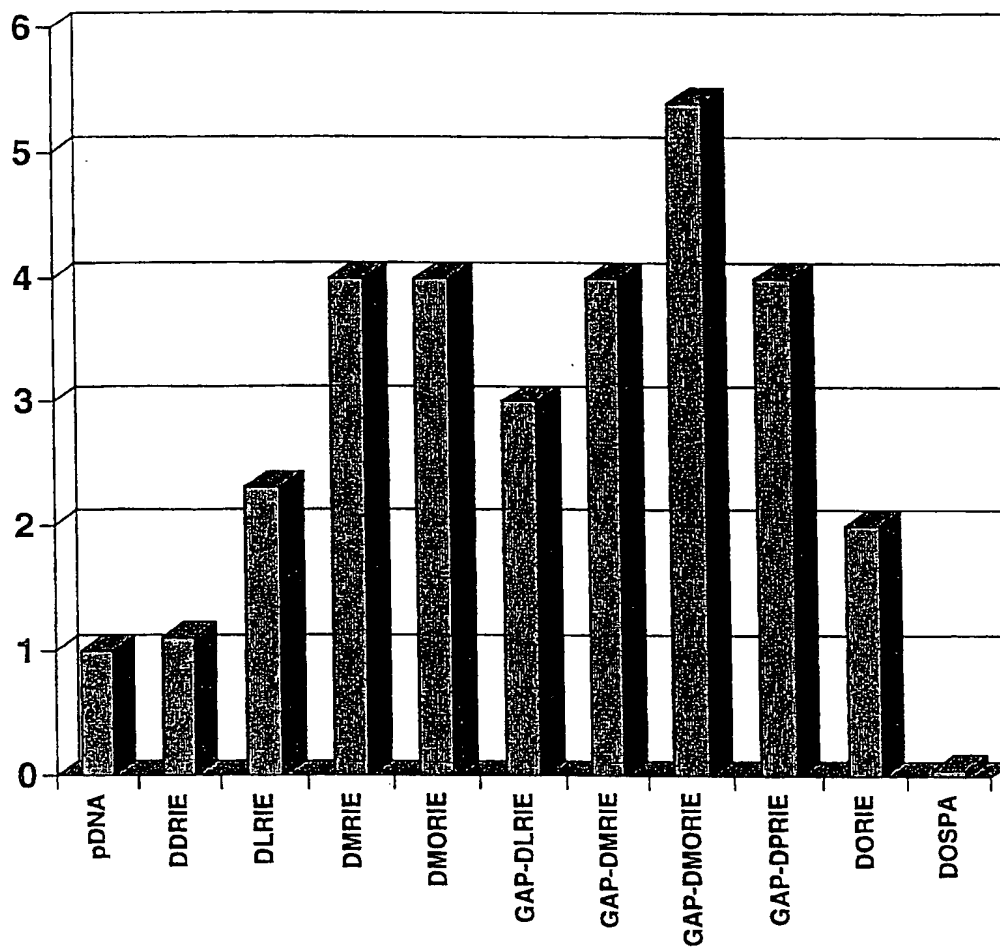
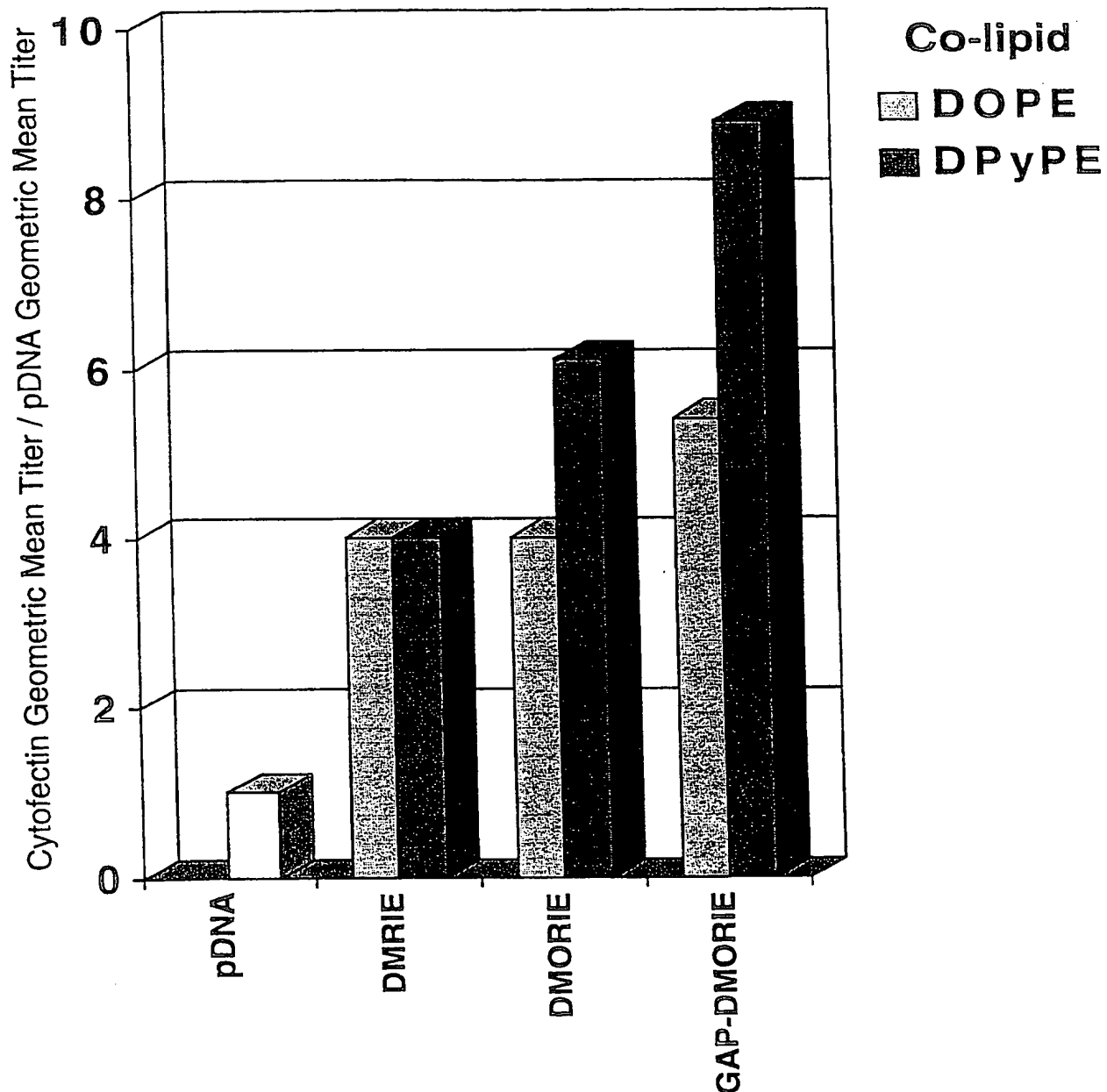
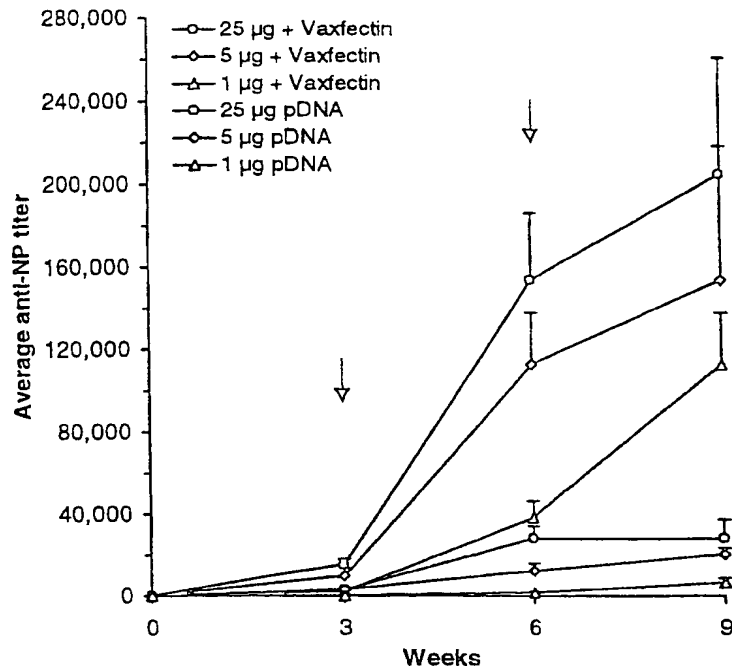


Figure 4

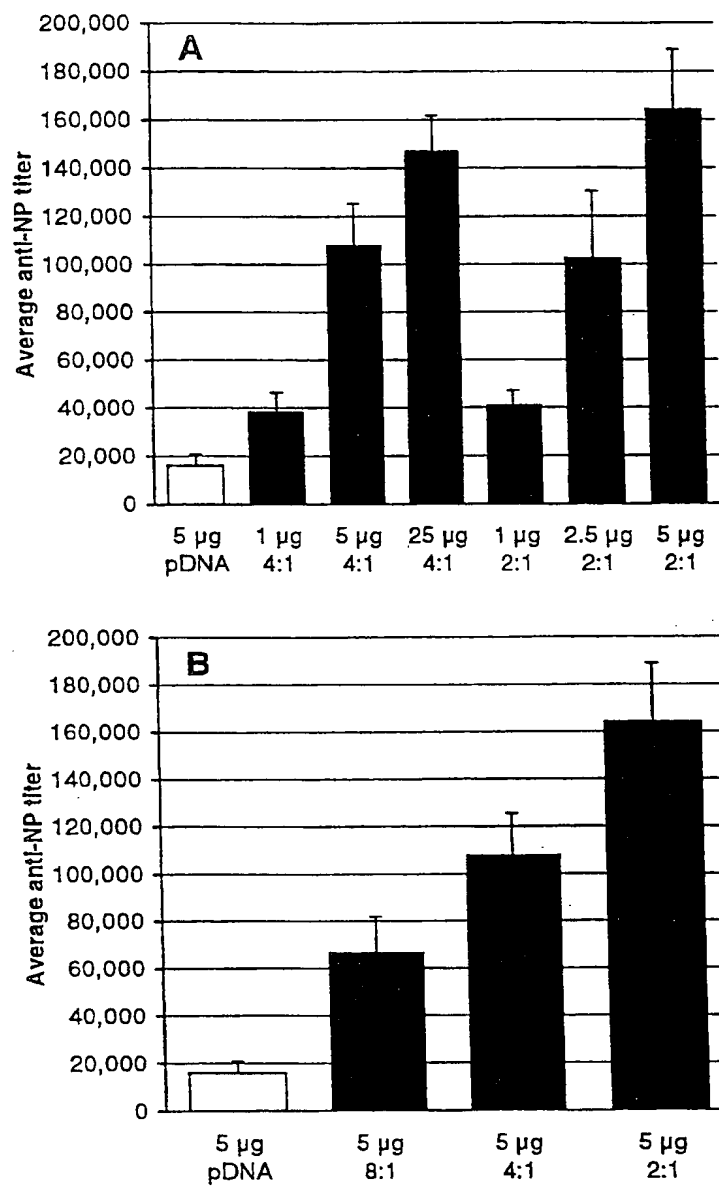
Cytotoxins Are Differentially Enhanced By Using DPyPE Instead of DOPE



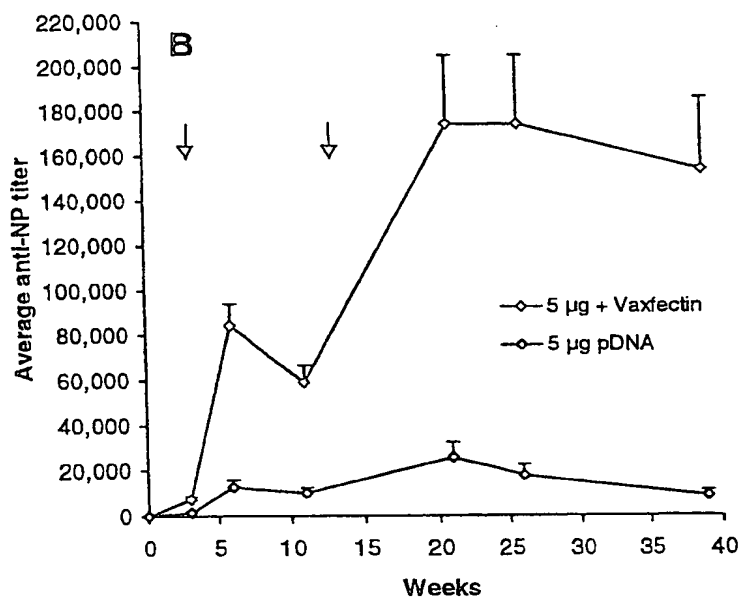
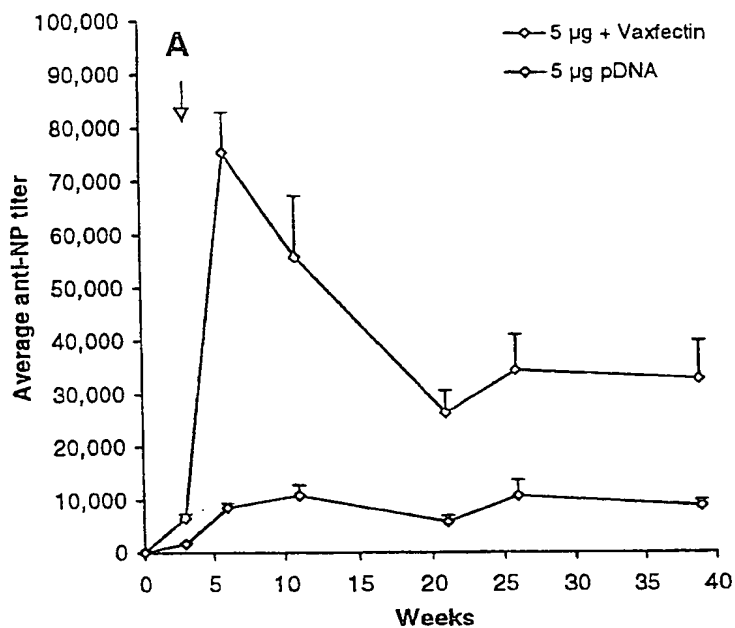
Vaccine, Hartikka et al., Figure 5



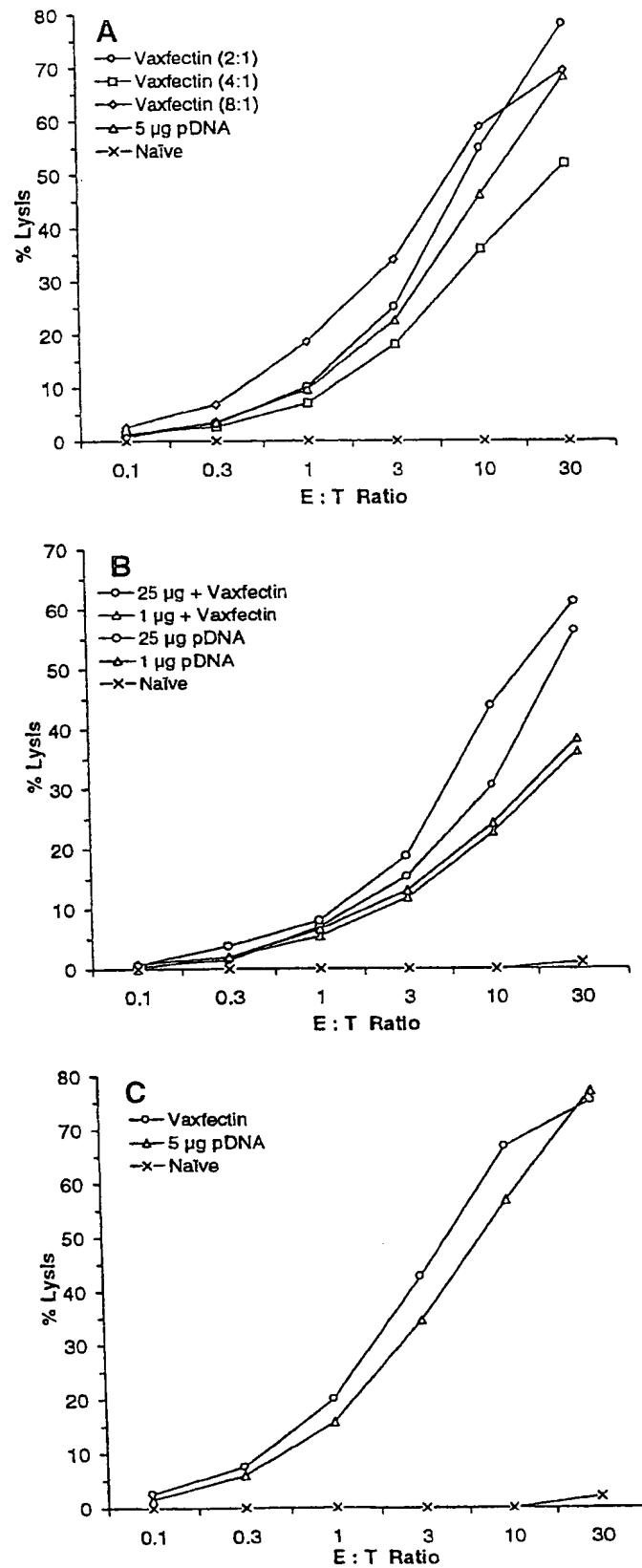
Vaccine, Hartikka et al., Figure 6



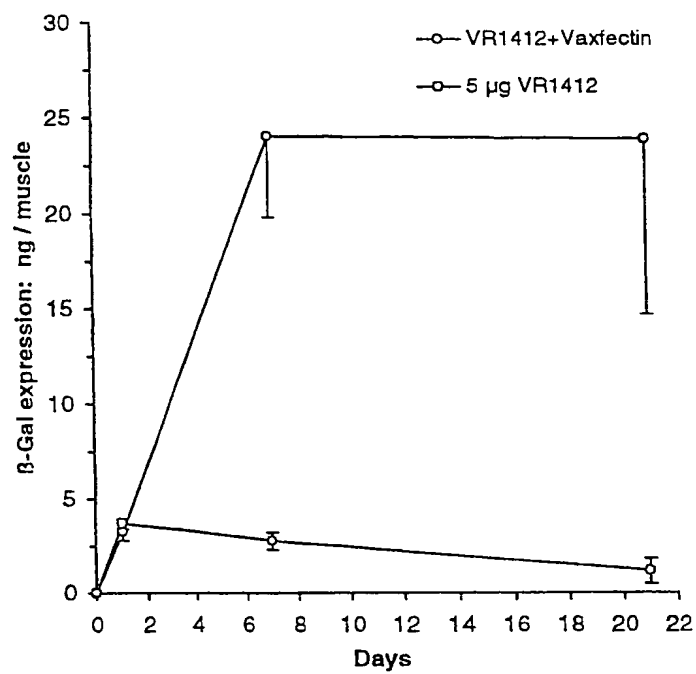
Vaccine, Hartikka et al., Figure 4



Vaccine, Hartikka et al., Figure 8



Vaccine, Hartikka et al., Figure 9



Vaccine, Hartikka et al., Figure 10

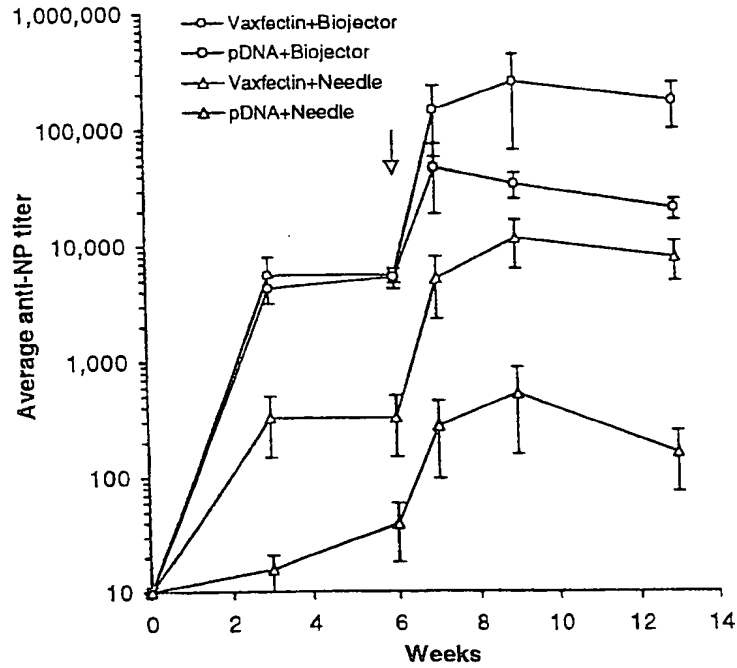


Figure 11

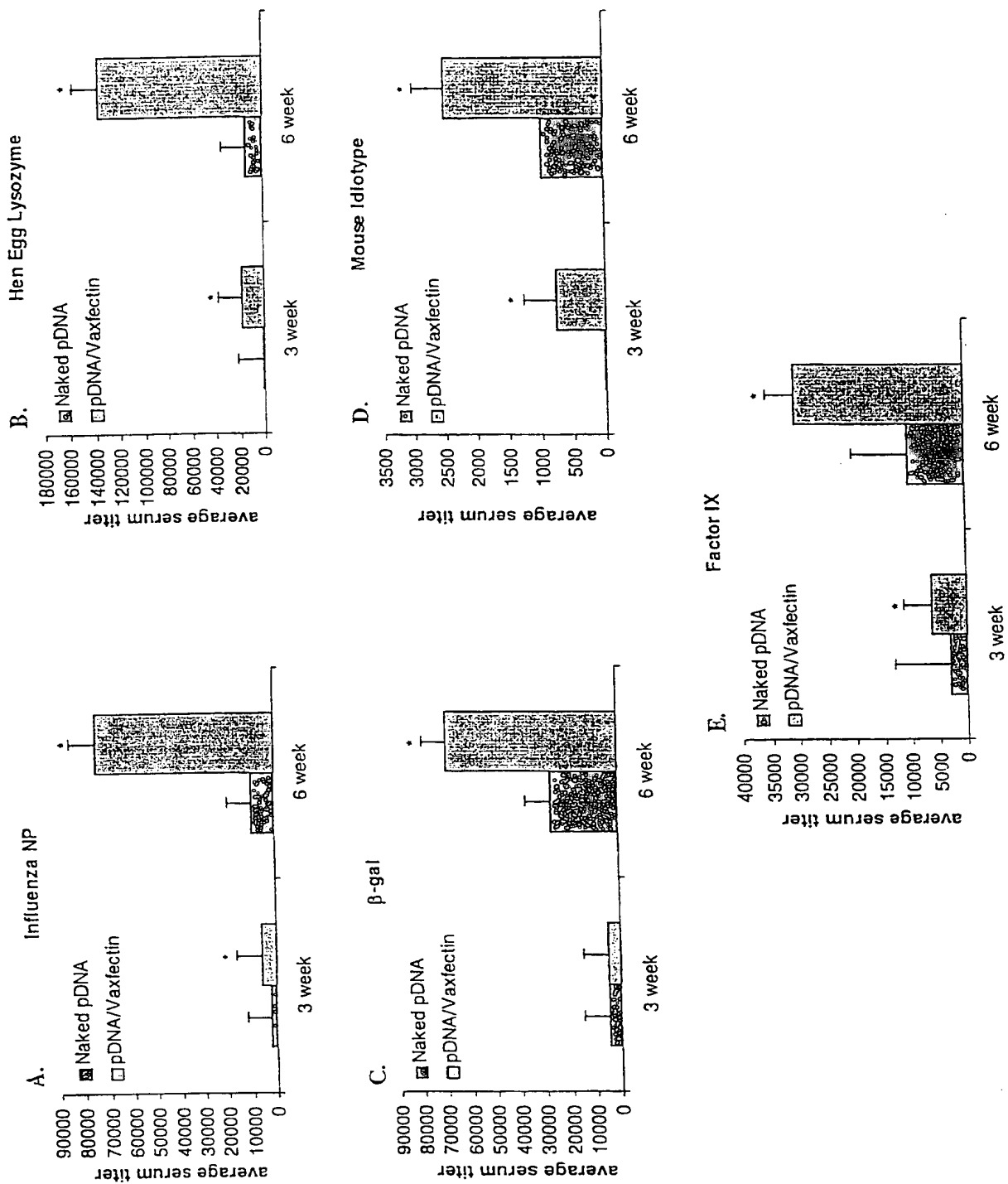


Figure 12

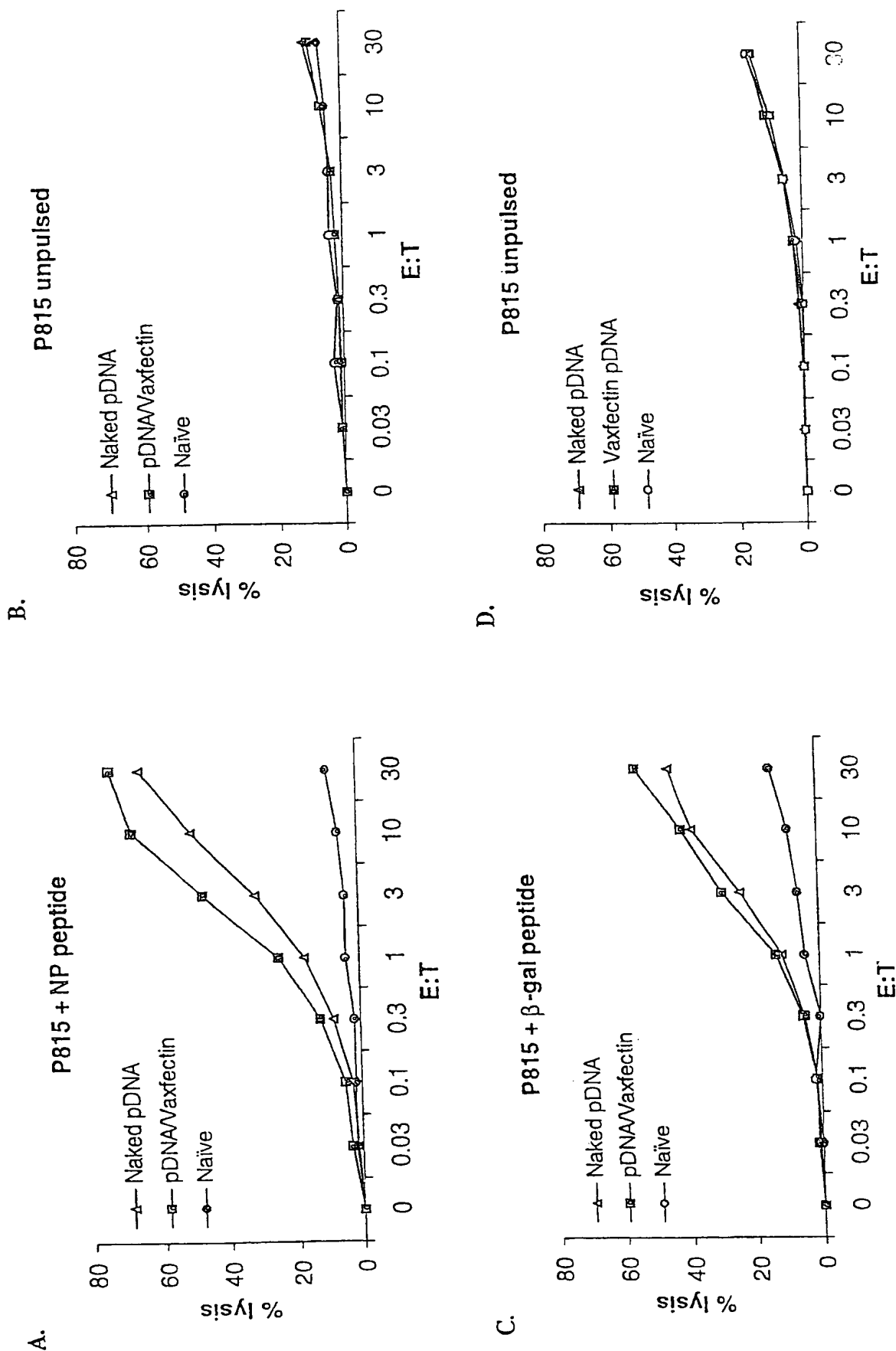
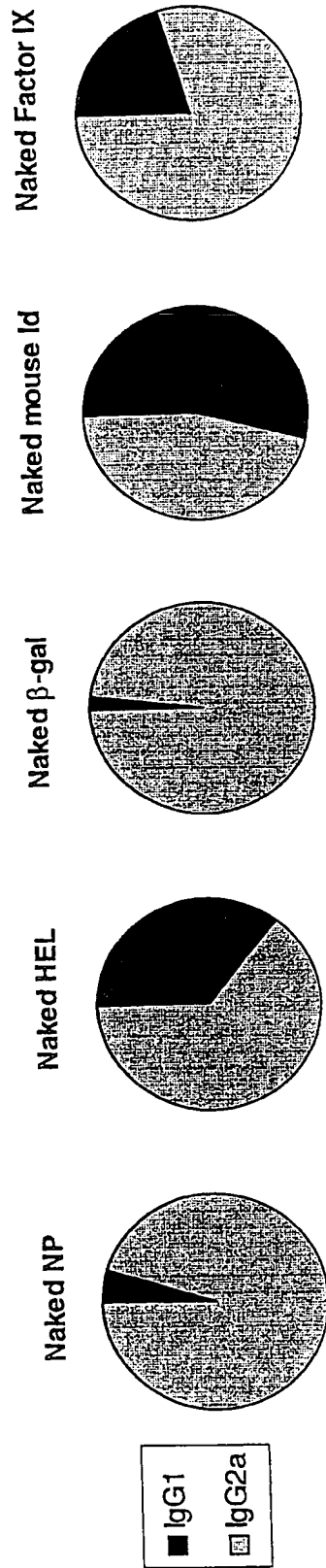
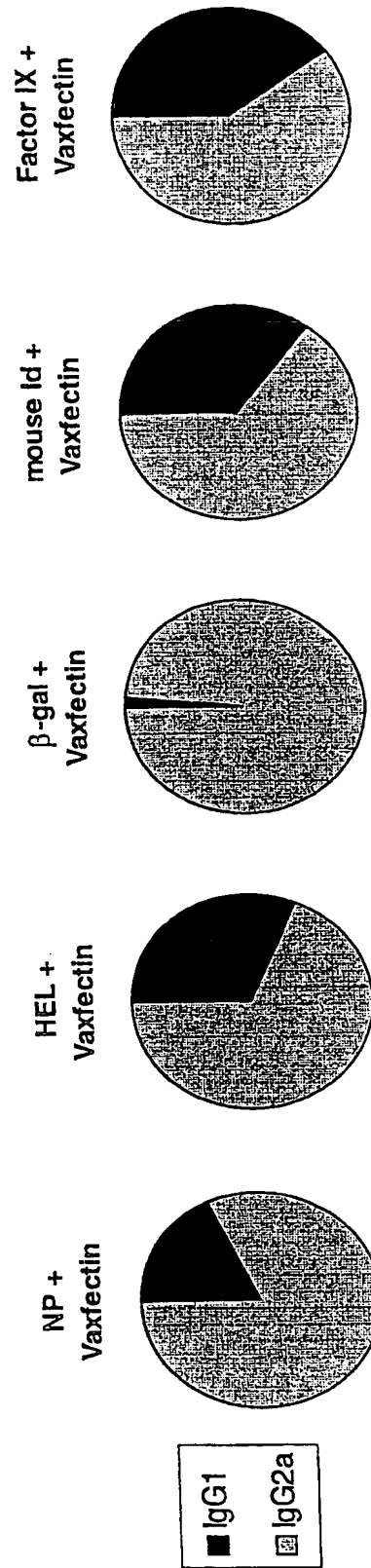


Figure 13

A.



B.

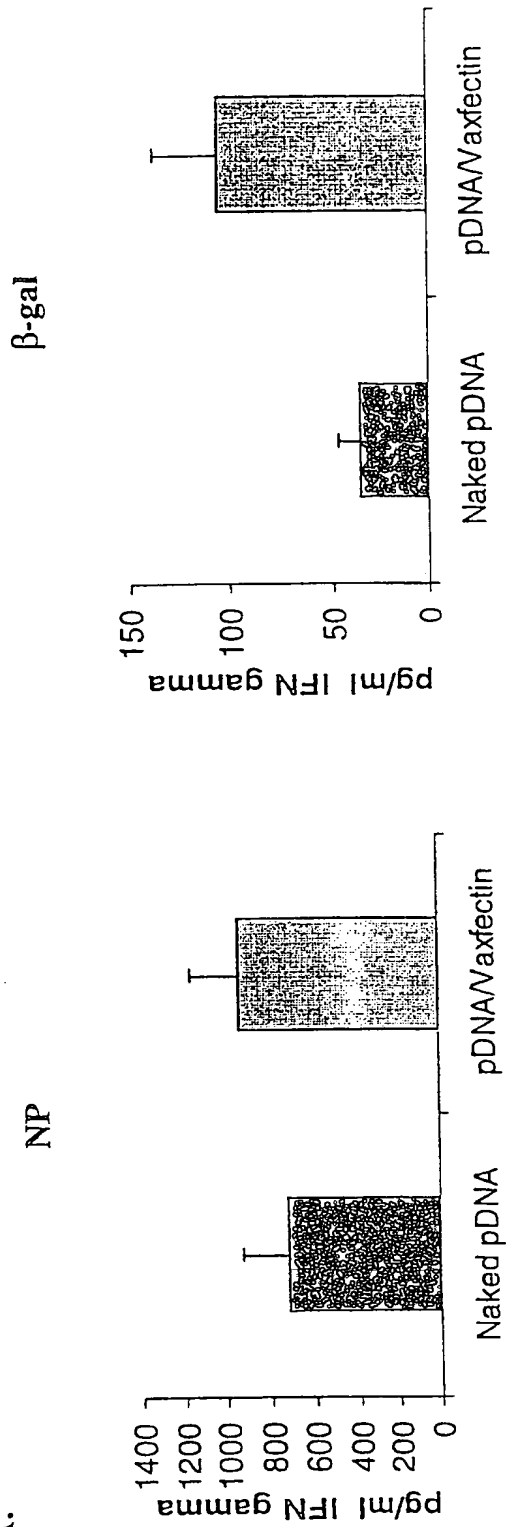


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Figure 14

A.



B.

